

WHAT IS CLAIMED:

1. A cord and louver assembly comprising:

a pair of ladder cords, each ladder cord having a first and a second vertical cord portion each having a first and second end, said ladder cord including a plurality of spaced apart horizontal cord portions each having a first end connected to said first vertical cord portion and a second end connected to said second vertical cord portion, adjacent horizontal cord portions forming, with said first and second cord portion, a ladder opening;

a plurality of louvers, each louver within a ladder opening of each of said pair of ladder cords, each of said plurality of louvers having a first and a second elevation cord opening;

a base louver having a first and a second bore, each of said first and said second bores for accommodating an end plug;

15 a first end plug, having an aperture, for fitting within said bore of said base louver;

a second end plug, having an aperture, for fitting within said second bore of said base louver;

20

a first vertical elevation cord, having a first end and a second end, and extending through each said first elevation cord openings of said plurality of louvers, and said aperture of said first end plug and affixed adjacent said first end of said first vertical elevation cord to secure said first vertical elevation cord first end from pulling free of said first end plug;

25

a second vertical elevation cord, having a first end and a second end, and extending through each said second elevation cord openings of said plurality of louvers, and said aperture of said second end plug and affixed adjacent said first end of said second vertical elevation cord to secure said second vertical elevation cord first end from pulling free of said second end plug, said first and said second end plugs also for securing said first ends of said first and said second ladder cords.

2. The cord and louver assembly as recited in claim 1 and wherein said first and said second vertical elevation cords are bundled together adjacent their respective second ends to secure said cord and louver assembly as a unit.

3. The cord and louver assembly as recited in claim 1 and wherein said ladder cords are bundled together adjacent their respective second ends to secure said cord and louver assembly as a unit.

4. The cord and louver assembly as recited in claim 1 and further comprising a channel and component assembly to which said cord and louver assembly is attached to form a horizontal blind set.

5. A process of forming a horizontal blind set comprising the steps of:

in a cord and louver assembly having:

a pair of ladder cords, each ladder cord having a first and a second vertical cord portion each having a first and second end, said ladder cord including a plurality of spaced apart horizontal cord portions each having a first end connected to said first vertical cord portion and a second end connected to said second vertical cord portion, adjacent horizontal cord portions forming, with said first and second cord portion, a ladder opening;

a plurality of louvers, each louver within a ladder opening of

each of said pair of ladder cords, each of said plurality of louvers having a first and a second elevation cord opening;

15 a base louver having a first and a second bore, each of said first and said second bores for accommodating an end plug;

 a first end plug, having an aperture, for fitting within said bore of said base louver;

20 a second end plug, having an aperture, for fitting within said second bore of said base louver;

 a first vertical elevation cord, having a first end and a second end, and extending through each said first elevation cord openings of said plurality of louvers, and said aperture of said first end plug and affixed adjacent said first end of said first vertical elevation cord to secure said first vertical elevation cord first end from pulling free of said first end plug;

25 a second vertical elevation cord, having a first end and a second end, and extending through each said second elevation cord openings of said plurality of louvers, and said aperture of said second end plug and affixed adjacent said first end of said second vertical elevation cord to secure said second vertical

2015 RELEASE UNDER E.O. 14176

25

30

35

elevation cord first end from pulling free of said second end plug,
said first and said second end plugs also for securing said first
ends of said first and said second ladder cords;
extending said second ends of said first and said second vertical
elevation cords through respective first and second small apertures in
the base of a channel and component assembly for exiting said channel
and component assembly at a location to enable users to pull said first
and said second vertical elevation cords to raise and lower said
base louver;

40

extending said second ends of said first and a second vertical cord
portions of said a pair of ladder cords through respective openings in
said channel and component assembly;

45

attaching said second ends of said first and a second vertical cord
portions of said a pair of ladder cords each to a respective rotation
member of said channel and component assembly, to form said
horizontal blind set.

6. The process of forming a horizontal blind set as recited in
claim 5 and further comprising the step of at least one of removing and

5

adding a louver to and from, respectively said opening of each of said pair of ladder cords, to thereby perform the action of at least one of adding to and subtracting from the number of said plurality louvers to provide a more custom height adjustment.

7. The process of forming a horizontal blind set as recited in claim 5 and further comprising the step of unbundling said first and said second vertical elevation cords adjacent their respective second ends to disassemble said cord and louver assembly from its unitary status.

8. The process of forming a horizontal blind set as recited in claim 5 and further comprising the step of unbundling said ladder cords adjacent the respective second ends of their first and a second vertical cord portions to disassemble said cord and louver assembly from its unitary status.